

LUMINAIRE SCHEDULE					
TYPE	DESCRIPTION	LAMPS	TYPE	DESCRIPTION	LAMPS
①	2 LAMP FLUORESCENT, RECESSED 2' X 4' TROFFER, 0.125" ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA 4P524-232G-F5A12-EB8277 LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	⑮	5' RECESSED DOWNLIGHT, COMPACT FLUORESCENT, FLUSH PRISMATIC LENS, UL LISTED FOR WET LOCATION, ELECTRONIC BALLAST, 277V STAFF SP5202-S2-5202A-P-TW LITHONIA OR APPROVED EQUIV	2-13W
②	3 LAMP FLUORESCENT, RECESSED 2'x4' TROFFER, 0.125" ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA 4P524-232G-F5A12-EB8277 LITHONIA OR APPROVED EQUIVALENT	3-32W T-8	⑰	2 LAMP FLUORESCENT, 4' CEILING MOUNT, HAZARDOUS LOCATION LISTED, ELECTRONIC BALLAST, 120V CROSSINGS EKF22022 APPLETON OR APPROVED EQUIVALENT	2-32W T-8
③	4 LAMP FLUORESCENT, RECESSED 2'x4' TROFFER, 0.125" ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA 4P524-232G-F5A12-EB8277 LITHONIA OR APPROVED EQUIVALENT	4-32W T-8	⑲	HIGH PRESSURE SODIUM, WALL MOUNTED, DIE CAST ALUMINUM HOUSING, TYPE III DISTRIBUTION, HPF BALLAST, 120V WITH PHOTOCELL KIM W01403/70HP5120/DB-P/A-30 OR APPROVED EQUIVALENT	1-70W HPS
④	1 LAMP FLUORESCENT, 4' STRIP LIGHT WITH WIRE GUARD, ELECTRONIC BALLAST, 277V, PENDANT MOUNT COLUMBIA CS4-132-EB8277-PAF-CSW64 LITHONIA OR APPROVED EQUIVALENT	1-32W T-8	⑳	3 LAMP FLUORESCENT, 4' WRAPAROUND, INJECTION MOLDED ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA MMW-332-3EB8277 LITHONIA OR APPROVED EQUIVALENT	3-32W T-8
⑤	2 LAMP FLUORESCENT, 4' STRIP LIGHT WITH WIRE GUARD, ELECTRONIC BALLAST, 277V, PENDANT MOUNT COLUMBIA CS4-232-EB8277-CSW64-PAF LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	㉑	SIMILAR TO TYPE 6, EXCEPT PENDANT MOUNTED COLUMBIA MMW-432-4EB8277 LITHONIA OR APPROVED EQUIVALENT	4-32W T-8
⑥	4 LAMP FLUORESCENT, 4' WRAPAROUND, INJECTION MOLDED ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA MMW-432-4EB8277-OR LITHONIA OR APPROVED EQUIVALENT	4-32W T-8	㉒	SIMILAR TO TYPE 1, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA 4P524-232G-F5A12-EB8277 LITHONIA OR APPROVED EQUIVALENT	2-32W T-8
⑦	SIMILAR TO TYPE 6, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA MMW-432-4EB8277-OR-EL LITHONIA OR APPROVED EQUIVALENT	4-32W T-8	㉓	SIMILAR TO TYPE 2, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA 4P524-232G-F5A12-EB8277 LITHONIA OR APPROVED EQUIVALENT	3-32W T-8
⑧	2 LAMP FLUORESCENT, 4' WRAPAROUND, PENDANT MOUNT, INJECTION MOLDED ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA MMW-232-EB8277-OR LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	㉔	3 LAMP FLUORESCENT, RECESSED 2' X 4' TROFFER, 3" DEEP CELL PARABOLIC LOUVER, ELECTRONIC BALLAST, 277V COLUMBIA P224-332G-LD 3W6-S-3EB8 277 LITHONIA OR APPROVED EQUIVALENT	3-32W T-8
⑨	SIMILAR TO TYPE 8, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA MMW-232-EB8277-OR-EL LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	㉕	SIMILAR TO TYPE 25, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA P224-332G-LD 3W6-S-3EB8 277-EL LITHONIA OR APPROVED EQUIVALENT	4-32W T-8
⑩	METAL HALIDE, HIGH BAY LUMINAIRE, CAST ALUMINUM FINNED HOUSING, ACRYLIC PRISMATIC REFRACTOR, 22" DIAMETER, FLAT CLEAR LENS WITH OPTICAL MIRROR, SAFETY CABLE, WITH NON DELAY QUARTZ GE FOS-40-S-4-M-5-E2-Q OR APPROVED EQUIV	1-400W METAL HALIDE	㉖	COMPACT FLUORESCENT, WALL MOUNTED, POLYCARBONATE COVER, 277V COLUMBIA TM-280TT-277 COLUMBIA OR APPROVED EQUIVALENT	28W DTT
⑪	2 LAMP FLUORESCENT, WALL MOUNT, ZINC COATED STEEL HOUSING, POLYCARBONATE DIFFUSER, ELECTRONIC BALLAST, 277V DESIGNPLAN LIGHTING DA832/232TB OR APPROVED EQUIVALENT	2-32W T-8	㉗	LITHONIA TM-280TT-120 COLUMBIA OR APPROVED EQUIVALENT	28W DTT
⑫	SIMILAR TO TYPE 11, EXCEPT WITH EMERGENCY BATTERY PACK DESIGNPLAN LIGHTING DA832/232TB WITH EMABATTERY OR APPROVED EQUIVALENT	2-32W T-8	⊕	HIGH PRESSURE SODIUM, POLE MOUNTED WITH 3' PEDESTAL AT 20', BRONZE ANODIZED FINISH, TYPE III DISTRIBUTION, 277V WITH PHOTOCELL GE DSM1-07-S-4-M-2-G-MC3-08 KIM OR APPROVED EQUIVALENT	70W HPS
⑬	2 LAMP FLUORESCENT, 4" NARROW WRAPAROUND, INJECTION MOLDED ACRYLIC PRISMATIC LENS, ELECTRONIC BALLASTS, 277V COLUMBIA MMW-232-EB8277 LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	○	HIGH PRESSURE SODIUM, POLE MOUNTED AT 20', BRONZE ANODIZED FINISH, TYPE III DISTRIBUTION, 277V WITH PHOTOCELL GE DSM1-10-S-4-M-2-G-MC3-08 KIM OR APPROVED EQUIVALENT	100W HPS
⑭	SIMILAR TO TYPE 13, EXCEPT WITH EMERGENCY BATTERY PACK COLUMBIA MMW-232-EB8277-EL LITHONIA OR APPROVED EQUIVALENT	2-32W T-8	□	HIGH PRESSURE SODIUM, POLE MOUNTED WITH 3' PEDESTAL AT 20', BRONZE ANODIZED FINISH, TYPE III DISTRIBUTION, 277V WITH PHOTOCELL GE DSM1-15-S-4-M-2-G-MC3-08 KIM OR APPROVED EQUIVALENT	150W HPS
⑮	2 LAMP FLUORESCENT, 4" WALL MOUNT, ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, 277V COLUMBIA W44-232-EB8277 LITHONIA OR APPROVED EQUIV	2-32W T-8	⊕	HIGH PRESSURE SODIUM, BOLLARD, 7" ROUND DIAMETER, POLYCARBONATE LOUVERS WITH DOME SPALDING M01-S50-A1-A135-08Z OR APPROVED EQUIVALENT	50W HPS
⑯	8" RECESSED DOWNLIGHT, COMPACT FLUORESCENT, SPECULAR CLEAR ALZAK REFLECTOR, ELECTRONIC BALLAST, 277V PRESOLITE 071826B-STF802 LITHONIA OR APPROVED EQUIVALENT	1-26WTT			
⑰	HIGH PRESSURE SODIUM, WALL MOUNTED, DIE-CAST ALUMINUM HOUSING, TYPE III DISTRIBUTION, HPF BALLAST, 277V, WITH PHOTOCELL KIM W01403/70HP5277/DB-P OR APPROVED EQUIVALENT	1-70W HPS			

BUILDING ENERGY EFFICIENCY STANDARDS

THE BUILDING ENERGY EFFICIENCY STANDARDS HAVE BEEN REVIEWED AND TO THE BEST OF MY KNOWLEDGE THIS DESIGN SUBSTANTIALLY CONFORMS TO ELECTRICAL AND LIGHTING REQUIREMENTS OF SECTION 5.3 AND 6.3.

BUILDING ENERGY EFFICIENCY STANDARDS

EXTERIOR LIGHTING POWER ALLOWANCE 9920 INSTALLED 5300

INTERIOR LIGHTING POWER ALLOWANCE 34,680 INSTALLED 32,960

METHOD USED: PERSONALIVE SYSTEM PERFORMANCE X

CALCULATIONS: SEPARATE X ON DRAWINGS

AS-BUILT	AS-BUILT	07/09
PAD	POST ADDENDUM	30/11/176/02
ADD-4	ADD-008 ADDENDUM NO. 4	8/13/02
REVISION	DATE	DATE
DATE	DATE	DATE

AS-BUILT DRAWING

VINCENT K. MINAKAWA

REGISTERED PROFESSIONAL ENGINEER

NO. 054-K

HAWAII, U.S.A.

DEPT. OF ACCOUNTING & GENERAL SERVICES
STATE OF HAWAII

MAUI ARMY NATIONAL GUARD
PUNENE ARMORY
PUNENE, MAUI, HAWAII

LUMINAIRE SCHEDULE

ECOS, INC.

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